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(54) **HIGH-TEMPERATURE BATTERY
INTEGRATED INTO A STEAM POWER
STATION**

(58) **Field of Classification Search**

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(56)

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ABSTRACT

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A steam power station is provided having a steam boiler which can be fired by a combustion device in a combustion chamber and has an air preheater which is suitable for removing thermal energy from the flue gas of the combustion chamber in order to transfer the thermal energy to a first air flow, the first air flow being fed back to the combustion chamber at least partly as combustion air. The steam power station also has a high-temperature battery which can likewise be supplied with air from the first air flow.

(52) **U.S. Cl.**

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(2013.01); **H01M 10/5006** (2013.01);

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